AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A ~~computer-implemented~~ computer-implemented method comprising:

performing context-based processing of ~~a set of~~ information items utilizing ~~a set of~~ context items to produce context-processed information items, the context-based processing comprises one or more of context filtering[[,]] and context prioritizing;

~~implementing logic rules to perform the context filtering and prioritizing; and~~

~~using the~~ implementing logic rules in connection with ~~a plurality~~ relevance and importance matrices ~~each~~ associated with ~~one of~~ the ~~plurality of~~ information items to further perform the context-based processing; and

dynamically adapting the context-based processing to changing circumstances relating to the information items.

2. (Currently Amended) The ~~computer-implemented~~ method of claim 1, further comprising:

evaluating a utility function, producing an iteration evaluation based on the utility function; and

based on the iteration evaluation, doing one of repeating the context-based processing and not repeating the context-based processing.

3. (Currently Amended) The ~~computer implemented~~ method of claim 1, wherein the information items ~~are~~ comprise heterogeneous information items.

4. (Currently Amended) The ~~computer implemented~~ method of claim 1, further comprising receiving at least one information item ~~in~~ of the ~~set of~~ information items from a user input.

5. (Currently Amended) The ~~computer implemented~~ method of claim 1, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.

6. (Currently Amended) The ~~computer implemented~~ method of claim 1, further comprising presenting at least one context-processed information item to a user.

7. (Currently Amended) The ~~computer implemented~~ method of claim 6, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.

8. (Previously Presented) The method of claim 1, further comprises transferring a context-processed information item from a first device to a second device.

9. (Currently Amended) The ~~computer implemented~~ method of claim 1, wherein transferring further comprises intra-device transferring.

10. (Currently Amended) The ~~computer implemented~~ method of claim 1, wherein, when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.

11. (Currently Amended) The ~~computer implemented~~ method of claim 1, wherein the ~~set of~~ context items ~~comprises~~ comprise ~~at least one~~ one or more of user context, computer context, and communication network context.

12. (Currently Amended) The ~~computer implemented~~ method of claim 11, wherein the user context comprises ~~at least one~~ one or more of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

13. (Currently Amended) The ~~computer implemented~~ method of claim 11, wherein the computer context comprises ~~at least one~~ one or more of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies, and security and enforcement information.

14. (Currently Amended) The ~~computer implemented~~ method of claim 11, wherein the communication network context comprises ~~at least one~~ one or more of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies, and network protocols.

15. (Currently Amended) ~~A machine readable~~ An article of manufacture comprising a machine-readable medium having stored thereon ~~sets of~~ instructions ~~which,~~ which when executed ~~by a machine~~, cause ~~the~~ a machine to:

perform context-based processing of ~~a set of~~ information items utilizing ~~a set of~~ context items to produce context-processed information items, the context-based processing comprises one or more of context filtering[[,]] and context prioritizing;

~~implement logic rules to perform the context filtering and prioritizing; and~~

~~use the~~ implement logic rules in connection with ~~a plurality~~ relevance and importance matrices ~~each~~ associated with ~~one of~~ the ~~plurality of~~ information items to further perform the context-based processing; and

dynamically adapt the context-based processing to changing circumstances relating to the information items.

16. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the ~~sets of~~ instructions ~~which,~~ when further executed ~~by the machine~~, ~~further~~ cause the machine to:

evaluate a utility function, producing an iteration evaluation based on the utility function; and

based on the iteration evaluation, do one of repeating the context-based processing and not repeating the context-based processing.

17. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the information items ~~are~~ comprise heterogeneous information items.

18. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the ~~sets of~~ instructions ~~which,~~ when further executed ~~by the machine~~, ~~further~~ cause the machine to receive at least one information item ~~in the set of~~ of the information items from a user input.

19. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.

20. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the ~~sets of~~ instructions ~~which,~~ when further executed ~~by the machine~~, ~~further~~ cause the machine to present at least one context-processed information item to a user.

21. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 20, wherein when processing comprises context prioritizing, the further comprises presenting in prioritized order.

22. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the ~~sets of~~ instructions ~~which,~~ when further executed ~~by the machine~~, ~~further~~ cause the machine to transfer from a first device to a second device.

23. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein transferring further comprises intra-device transferring.

24. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.

25. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the ~~set of~~ context items ~~comprises~~ comprise ~~at least one~~ one or more of user context, computer context, and communication network context.

26. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 15, wherein the user context comprises ~~at least one~~ one or more of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

27. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 25, wherein the computer context comprises ~~at least one~~ one or more of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies, and security and enforcement information.

28. (Currently Amended) The ~~machine readable medium~~ article of manufacture of claim 25, wherein the communication network context comprises ~~at least one~~ one or more of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies, and network protocols.

29. (Currently Amended) A system comprising:

a server; and

a client coupled to the server, the client having a processor and a memory storage device coupled to the processor, the processor to

perform context-based processing of ~~a set of~~ information items utilizing a set of context items to produce context-processed information items, the context-based processing comprises one or more of context filtering[[,]] and context prioritizing,

~~implement logic rules to perform the context filtering and prioritizing, and use the~~ implement logic rules in connection with ~~a plurality~~ relevance and importance matrices ~~each~~ associated with ~~one of~~ the ~~plurality of~~ information items to further perform the context-based processing, and

dynamically adapt the context-based processing to changing circumstances relating to the information items.

30. (Currently Amended) The system of claim 29, wherein the unit further evaluates a utility function and produces an iteration evaluation based on the utility function, and

based on the iteration evaluation, does one of repeating the context-based processing and not repeating the context-based processing.

31. (Currently Amended) The system of claim 29, wherein the information items ~~are~~ comprise heterogeneous information items.

32. (Currently Amended) The system of claim 29, further including a second unit to receive at least one information item ~~in the set of~~ of the information items from a user input.

33. (Original) The system of claim 29, wherein the second unit receives at least one information item from a second device.

34. (Previously Presented) The system of claim 29, further including a third unit to present at least one context-processed information item to a user.

35. (Original) The system of claim 34, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.

36. (Previously Presented) The system of claim 29, further including a fourth unit to transfer a context-processed information item to a second device.

37. (Previously Presented) The system of claim 29, further including a fourth unit to transfer a context-processed information item within the system.

38. (Currently Amended) The system of claim 29, wherein the ~~set of~~ context items ~~comprises at least one~~ comprise one or more of user context, computer context, and communication network context.

39. (Currently Amended) The system of claim 38, wherein the user context comprises ~~at least one~~ one or more of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

40. (Currently Amended) The system of claim 38, wherein the computer context comprises ~~at least one~~ one or more of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies, and security and enforcement information.

41. (Currently Amended) The system of claim 38, wherein the communication network context comprises ~~at least one~~ one or more of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies, and network protocols.